

CLAIMS

[1] A method of polishing an object with a polishing fluid interposed between a polishing film and the object, characterized in that polishing is performed while keeping a pH of the polishing fluid in a range of not less than 2 but less than 7 during the polishing fluid is used for polishing.

[2] The method according to claim 1, wherein the pH of the polishing fluid is kept in a range of not less than 2 but less than 7 during the polishing fluid is used for polishing, by the use of a polishing fluid with a pH thereof having been previously adjusted by a pH adjuster.

[3] The method according to claim 1 or 2, wherein the pH of the polishing fluid is kept in a range of not less than 2 but less than 7 during the polishing fluid is used for polishing, by the use of a polishing film containing a pH adjuster as the polishing film, and having the pH adjuster dissolved into the polishing fluid during the polishing fluid is used for polishing.

[4] The method according to claim 2 or 3, wherein the pH adjuster comprises a substance containing a carboxyl group.

[5] A polishing film having a substrate and a polishing layer that contains abrasive particles and a binder resin, said polishing layer formed on the substrate layer, characterized in that the polishing layer contains a pH adjuster for having a pH of a polishing fluid being in a range of not less than 2 but less than 7, in which the polishing fluid is interposed between the polishing film and an object to be polished.

[6] The polishing film according to claim 5, characterized in that the pH adjuster comprises a substance containing a carboxyl group.

[7] The polishing film according to claim 5 or 6, characterized in that the substance containing the carboxyl group is ethylenediaminetetracetic acid.